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1981 OHIO TRAFFIC ACCIDENT FACTS

prepared by: **Ohio Department of Highway Safety**

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OHIO DEPARTMENT OF HIGHWAY SAFETY

JAMES A. RHODES
GOVERNOR

EARL H. REICH
DIRECTOR

...ate Highway Patrol | Bureau of Motor Vehicles

June 14, 1982

To the Citizens of Ohio:

I am proud to report to you that fewer persons died in Ohio traffic accidents during 1981 than in any year since 1961; and that last year's death rate per mile of travel was our state's lowest in history.

In human terms, 253 fewer men, women and children died on our highways during 1981 than were killed the previous year--a 12.4 percent reduction. While national traffic accident figures showed a small nationwide reduction in crash deaths, Ohio's performance ranks among the most dramatic anywhere. And Ohio's safety record over the two-year span from 1979 through 1981 (a reduction of 501 traffic deaths) has been far and away the best recorded by any U.S. state.

This "Accident Facts" booklet is designed to highlight the most important trends and patterns in Ohio's traffic accident experience during the past year; and to offer important background data for use by police, engineers, educators, safety groups, news media and other concerned citizens.

Despite the past year's dramatic improvements, we cannot lose sight of the fact that 1,780 of our fellow citizens lost their lives on public streets and highways; and that at least 90 percent of those deaths were the direct result of some needless, preventable driver mistake.

I call on every Ohioan who drives or rides in a motor vehicle to redouble his or her efforts to prevent accidents and take lifesaving precautions behind the wheel. We can continue to make Ohio the safest state in the union in which to drive--but only if all of us commit ourselves to obey the law and accept personal responsibility for accident avoidance every time we get behind the wheel.

Sincerely,

Earl H. Reich
Director
Department of Highway Safety

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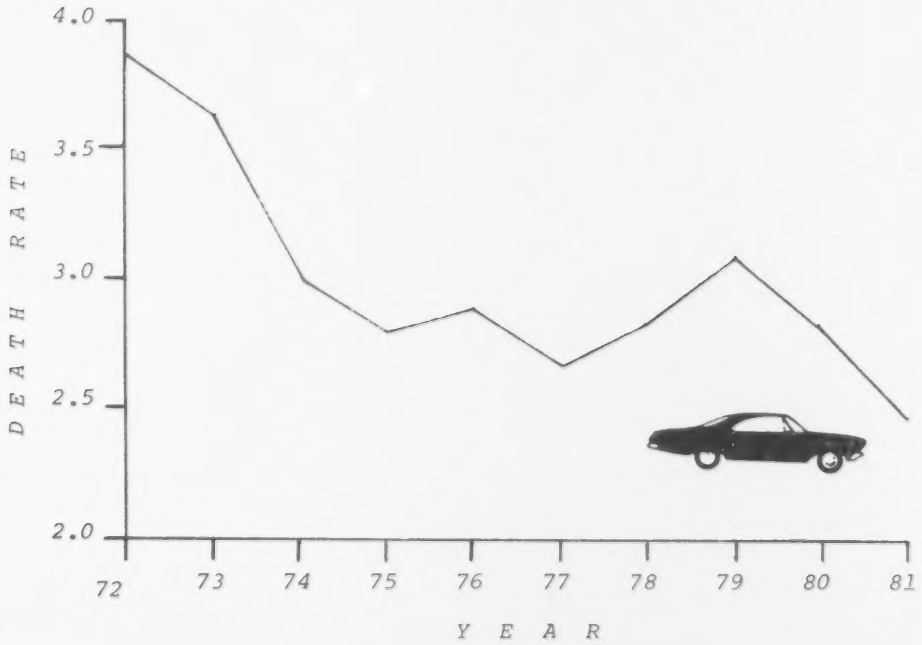
MOTOR VEHICLE ACCIDENT HIGHLIGHTS - 1981

ACCIDENTS:	
Fatal Accidents	1,569
Injury Accidents	98,331
Property Damage Only Accidents (over $150)	238,987
TOTAL CODEABLE ACCIDENTS	338,887
INJURIES:	
Fatal Injuries (Deaths)	1,780
Incapacitating Injuries	6,339
Non-Incapacitating Visible Injuries	53,368
Non-Visible Claimed Injuries	79,237
DRIVERS:	
Total Licensed Drivers	7,659,263
Drivers In Accidents	566,662
VEHICLES:	
Total Registered Vehicles (1978)	8,535,693
Vehicles in Accidents	611,201
ROADS AND MILEAGE:	
Total Highway Miles	110,430
Total Miles Traveled on Highways (Provisional)	71,727,000,000
RATES:	
Motor Vehicle Death Rate Per 100,000,000 Miles Traveled	2.48
Motor Vehicle Injury Rate Per 100,000,000 Miles Traveled	202.08
Motor Vehicle Accidents Rate Per 100,000,000 Miles Traveled	472.47
ECONOMIC COST: (Estimated)	$1,055,000,000

MILEAGE DEATH RATE 1972-1981



TRAFFIC ACCIDENT SUMMARY BY YEAR: 1977 -- 1981

	1977	1978	1979	1980	1981	5-YEAR AVERAGE
ACCIDENTS:						
Fatal	1,670	1,800	2,010	1,805	1,569	1,771
Injury	111,526	112,226	115,111	106,612	98,331	108,761
Property Damage Only	306,198	319,588	300,540	262,565	238,987	285,576
TOTAL ACCIDENTS	419,394	433,614	417,661	370,982	338,887	396,108
INJURIES:						
Fatal	1,873	2,048	2,281	2,033	1,780	2,003
Incapacitating	6,642	6,597	7,021	6,568	6,338	6,633
Non-Incapacitating Visible	65,003	66,059	68,147	65,705	59,368	64,856
Non-Visible Claimed	94,707	94,171	94,950	85,148	79,237	89,642
TOTAL INJURIES	168,225	168,875	172,399	159,454	146,723	163,135
DRIVERS IN ACCIDENTS:						
Male	473,686	486,158	456,682	393,006	356,096	433,125
Female	202,859	211,819	204,257	182,963	169,900	194,359
TOTAL DRIVERS (1)	720,539	746,213	710,235	620,191	566,662	672,768
VEHICLES IN ACCIDENTS	777,358	803,530	764,741	670,922	611,201	725,550

(1) Includes Driver's sex "Not Stated"

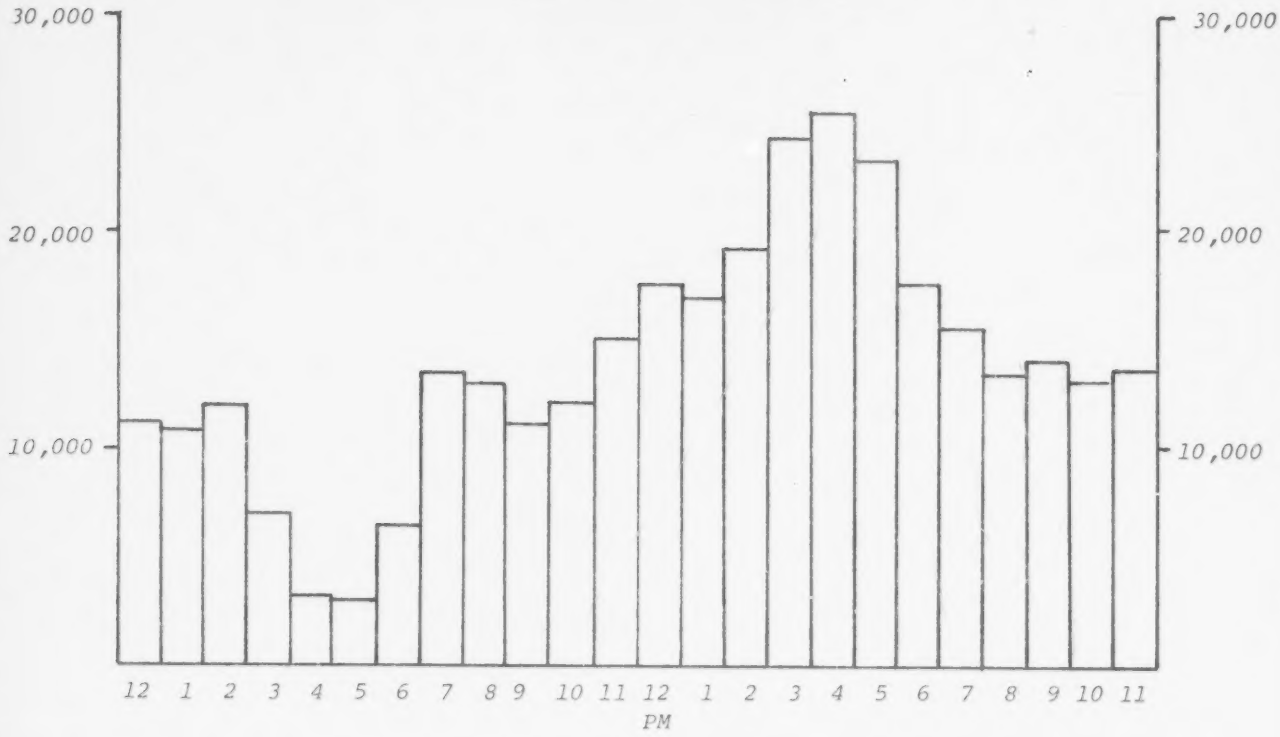
TRAFFIC ACCIDENT SUMMARY BY MONTH

MONTH	TOTAL	FATAL	INJURY	PROPERTY DAMAGE
JANUARY	31,311	103	7,591	23,617
FEBRUARY	28,637	119	7,369	21,149
MARCH	28,368	109	7,738	20,521
APRIL	25,967	133	7,666	18,168
MAY	29,443	134	9,181	20,128
JUNE	27,658	134	8,943	18,581
JULY	27,114	170	8,963	17,981
AUGUST	26,620	153	8,736	17,731
SEPTEMBER	26,847	138	8,213	18,496
OCTOBER	29,851	122	8,840	20,889
NOVEMBER	26,141	123	7,325	18,693
DECEMBER	30,930	131	7,766	23,033
TOTAL	338,887	1,569	98,331	238,987

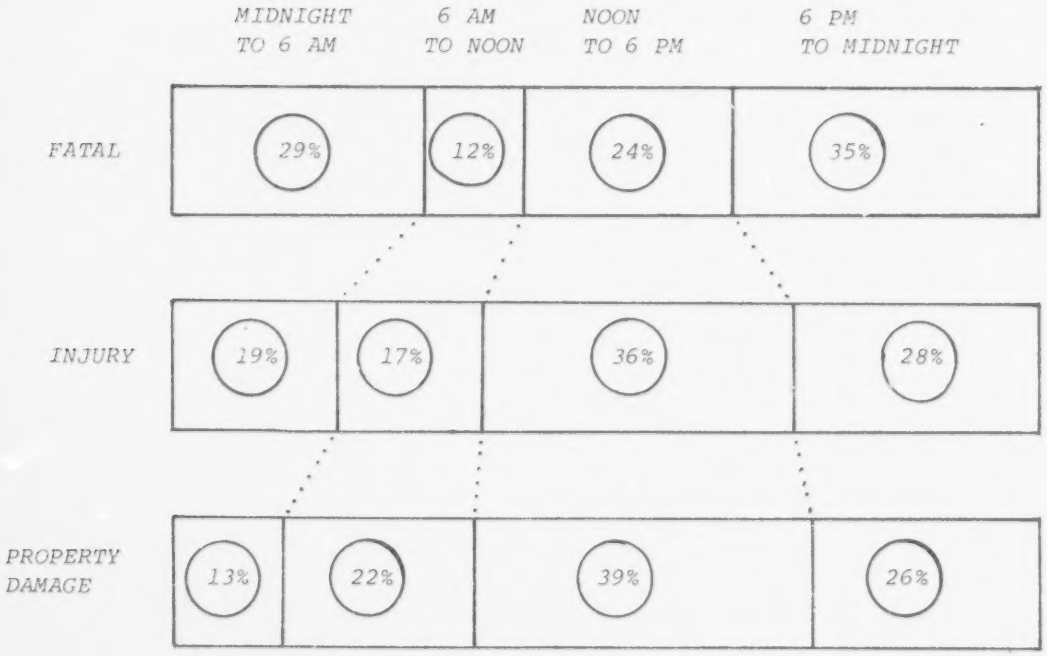
TRAFFIC ACCIDENT INJURY SUMMARY BY MONTH

MONTH	TOTAL	FATAL	INCAPACITATING	MINOR VISIBLE	NON-VISIBLE CLAIMED
JANUARY	11,217	116	386	3,997	6,718
FEBRUARY	10,917	131	394	4,069	6,323
MARCH	11,547	122	470	4,439	6,516
APRIL	11,429	158	503	4,710	6,058
MAY	13,606	147	574	5,651	7,234
JUNE	13,315	147	649	5,913	6,606
JULY	13,510	203	644	6,118	6,545
AUGUST	13,156	185	660	5,811	6,500
SEPTEMBER	12,244	152	557	4,850	6,685
OCTOBER	13,181	139	609	5,297	7,136
NOVEMBER	11,025	137	486	4,306	6,096
DECEMBER	11,577	143	407	4,207	6,820
	146,724	1,780	6,339	59,368	79,237

ACCIDENTS BY HOUR OF DAY*



ACCIDENT SEVERITY BY VARIOUS TIME PERIODS*



*Excludes hour not stated

ACCIDENTS BY DAY OF WEEK

DAY	TOTAL	% OF TOTAL	FATAL	INJURY	PROPERTY DAMAGE
MONDAY	44,437	13.1	173	12,305	31,959
TUESDAY	45,358	13.4	159	12,569	32,630
WEDNESDAY	44,484	13.1	216	12,453	31,815
THURSDAY	51,995	15.4	205	14,495	37,295
FRIDAY	60,348	17.8	247	17,336	42,765
SATURDAY	54,046	15.9	326	16,876	36,844
SUNDAY	38,219	11.3	243	12,297	25,679
TOTAL	338,887	100%	1,569	98,331	238,987

HOLIDAY WEEKENDS

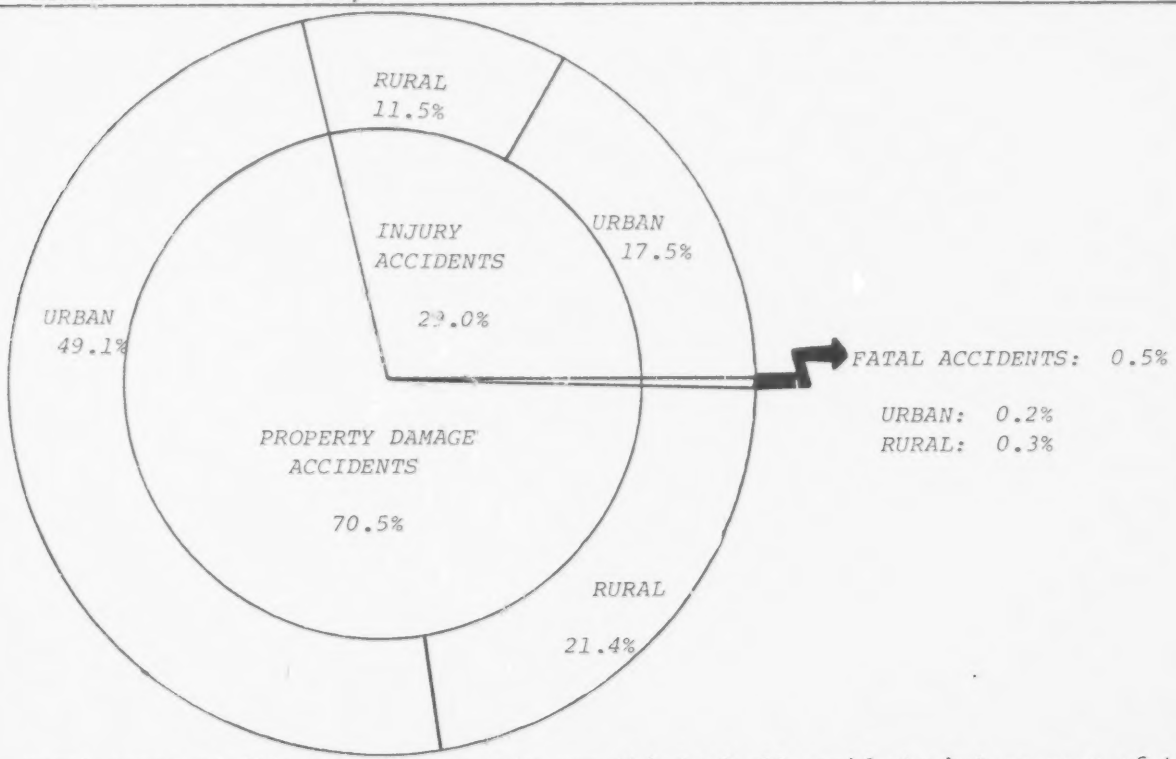
HOLIDAY	YEAR	DAYS*	ACCIDENTS	DEATHS	INJURIES
NEW YEAR'S	1980-81	4 1/4	5,000	17	1,851
	1979-80	4 1/4	3,567	24	1,665
	1978-79	3 1/4	4,185	29	1,793
MEMORIAL DAY	1981	3 1/4	2,663	13	1,482
	1980	3 1/4	3,096	20	1,697
	1979	3 1/4	3,459	14	1,555
INDEPENDENCE DAY	1981	3 1/4	3,053	38	1,679
	1980	3 1/4	3,141	18	1,786
	1979	1 1/4	1,189	7	631
LABOR DAY	1981	3 1/4	2,607	23	1,384
	1980	3 1/4	3,067	15	1,666
	1979	3 1/4	3,138	25	1,709
THANKSGIVING	1981	4 1/4	2,865	19	1,303
	1980	4 1/4	4,601	24	2,104
	1979	4 1/4	5,793	26	2,567
CHRISTMAS	1981	3 1/4	1,802	15	778
	1980	4 1/4	4,374	19	1,590
	1979	4 1/4	5,627	40	2,622

* "DAYS" refers to the number of days in each holiday period. Holiday periods include the last six (6) hours of the day preceeding the holiday

WHERE TRAFFIC ACCIDENTS OCCURRED IN 1981

	POPULATION AREA	ACCIDENTS	%	DEATHS	%	INJURIES	%
U	CITIES OVER 50,000	136,644	40.3	371	20.8	48,929	33.7
R	CITIES 25,000-50,000	27,205	8.0	57	3.2	10,562	7.3
B	CITIES 10,000-25,000	38,818	11.5	121	6.8	16,037	11.1
A	CITIES 5,000-10,000	15,476	4.6	49	2.8	6,123	4.2
N	CITIES 2,500--5,000	8,286	2.4	32	1.8	3,009	2.1
R							
U	VILLAGES UNDER 2,500	6,427	1.9	38	2.1	2,541	1.7
R	STATE HIGHWAYS	56,615	16.7	710	39.9	31,705	21.9
A	OTHER RURAL ROADS	49,416	14.6	402	22.6	26,038	18.0
L							
	ALL URBAN	226,429	66.8%	630	35.4%	84,660	58.4%
	ALL RURAL	112,458	33.2%	1,150	64.6%	60,284	41.6%
	STATEWIDE	338,887	100%	1,780	100%	144,944	100%

AREA	TOTAL ACCIDENTS	FATAL ACCIDENTS	INJURY ACCIDENTS	PROPERTY DAMAGE ACCIDENTS
URBAN	226,429	575	59,432	166,422
RURAL	112,458	994	38,899	72,565



Rural areas of Ohio account for only one-third of all accidents but so many of these accidents had fatal results that almost two-thirds of all deaths were charged to the rural area

ACCIDENTS BY TYPE OF CRASH

	TOTAL ACCIDENTS	% URBAN	% RURAL	ACCIDENT SEVERITY FATAL	INJURY	PROPERTY DAMAGE
HEAD-ON	6,118	50.5	49.5	182	3,039	2,897
REAR-END	65,476	75.9	24.1	66	20,194	45,216
SIDESWIPE	33,516	72.9	27.1	27	4,982	28,507
ANGLE	32,603	77.5	22.5	230	11,294	21,079
TURNING	66,508	75.1	24.9	106	16,513	49,889
SUBTOTAL: MV's IN TRANSPORT	204,221	74.7	25.3	611	56,022	147,588
PARKED VEHICLE	41,394	87.6	12.4	34	4,705	36,655
TRAIN	500	51.0	49.0	41	197	262
PEDALCYCLE	3,181	79.8	20.2	29	2,647	505
NON-MOTOR VEHICLE	91	19.8	80.2	2	36	53
ANIMAL	9,048	6.3	93.7	2	537	8,509
PEDESTRIAN	4,959	83.8	16.2	206	4,340	413
FIXED OBJECT	68,031	41.1	58.9	570	26,480	40,981
OTHER OBJECT	1,010	43.6	56.4	1	162	847
OVERTURN	3,594	26.0	74.0	56	2,321	1,217
OTHER NON-COLLISION	2,821	28.0	72.0	17	873	1,931
STATEWIDE TOTALS*	338,887	66.8%	33.2%	1,569	98,331	238,987

*TOTALS include "Not Stated" Catagories

INJURIES BY TYPE OF CRASH

	KILLED		INCAPACITATING		VISIBLE		CLAIMED	
	URBAN	RURAL	URBAN	RURAL	URBAN	RURAL	URBAN	RURAL
HEAD-ON	65	169	208	425	1,521	1,964	1,368	1,214
REAR-END	28	49	245	202	3,871	2,456	17,437	7,173
SIDESWIPE	15	16	116	128	1,209	1,287	2,987	1,945
ANGLE	84	193	380	446	4,446	3,047	8,386	3,281
TURNING	57	62	462	339	5,457	3,774	11,031	794
SUBTOTAL: MV's IN TRANSPORT	249	489	1,411	1,540	16,504	12,528	41,209	14,407
PARKED VEHICLE	18	20	124	68	2,435	638	2,045	602
TRAIN	13	36	10	20	77	71	45	43
PEDALCYCLE	9	20	119	64	1,355	421	718	150
NON-MOTOR VEHICLE	-	2	-	4	2	38	6	17
ANIMAL	-	2	2	16	50	255	41	278
PEDESTRIAN	124	89	401	120	2,021	394	1,483	221
FIXED OBJECT	195	434	776	1,339	7,978	12,059	4,501	7,867
OTHER OBJECT	1	-	4	14	48	33	40	52
OVERTURN	14	48	53	171	515	1,370	231	716
OTHER NON-COLLISION	7	10	35	47	279	289	134	192
STATEWIDE TOTALS	630	1,150	2,935	3,404	31,269	28,099	50,456	28,781

ENVIRONMENTAL CONDITIONS

ACCIDENTS	% OF URBAN	% OF RURAL	ACCIDENT SEVERITY: FATAL	INJURY	PROPERTY DAMAGE ONLY
LIGHT CONDITIONS					
Daylight	62.3	54.8	588	56,424	145,663
Dawn or Dusk	3.7	4.6	58	3,822	9,515
Dark - No Light	5.3	32.9	562	16,351	31,930
Dark - Lighted	27.0	7.0	358	20,937	47,794
Other	0.4	0.1	2	129	935
Not Stated	1.4	0.6	1	668	3,150
TOTALS	100%	100%	1,569	98,331	238,987
WEATHER CONDITIONS					
No Adverse Weather	75.8	74.7	1,302	75,707	178,494
Rain	13.9	11.9	138	13,273	31,479
Snow	7.9	10.3	70	7,102	22,226
Fog	0.3	1.3	25	731	1,498
Heavy Wind	0.1	0.4	1	210	499
Other Weather	0.8	0.8	11	700	2,010
Weather Not Stated	1.2	0.6	22	608	2,781
TOTALS	100%	100%	1,569	98,331	238,987
ROAD CONDITIONS					
Dry	66.4	65.6	1,226	67,447	155,401
Wet	21.9	17.7	230	20,217	48,979
Snow or Ice	10.1	15.6	82	9,613	30,713
Mud or Sand	0.0	0.1	2	70	174
Other	0.3	0.3	7	244	617
Not Stated	1.3	0.7	22	740	3,103
TOTALS	100%	100%	1,569	98,331	238,987
ROAD CONTOURS					
Straight, Level	76.9	58.3	864	65,665	173,015
Straight, Grade	13.0	17.6	256	14,967	34,078
Straight, Hillcrest	1.4	2.6	31	2,016	4,043
Curve, Level	3.9	10.5	201	7,737	12,687
Curve, Grade	3.0	9.2	178	6,459	10,609
Curve, Hillcrest	0.3	0.9	14	613	1,020
Not Stated	1.5	0.9	25	874	3,535
TOTALS	100%	100%	1,569	98,331	238,987

DRIVERS IN ACCIDENTS - MALES

AGE	LICENSED DRIVERS TOTAL	% OF TOTAL	DRIVERS IN ACCIDENTS TOTAL	% OF TOTAL	RATIO*	IN FATAL ACCIDENTS	IN INJURY ACCIDENTS
15 - 19	339,331	4.4	59,125	10.4	1 in 6	275	18,452
20 - 24	569,303	7.4	71,039	12.5	1 in 8	429	21,758
25 - 29	506,881	6.6	52,115	9.2	1 in 10	299	16,054
30 - 34	439,437	5.7	38,825	6.9	1 in 11	196	11,841
35 - 39	350,711	4.6	25,608	4.5	1 in 14	158	7,821
40 - 44	284,219	3.7	19,721	3.5	1 in 14	121	5,842
45 - 49	256,185	3.3	17,162	3.0	1 in 15	88	4,928
50 - 54	268,203	3.5	17,074	3.0	1 in 16	106	4,986
55 - 59	271,785	3.5	15,816	2.8	1 in 17	85	4,522
60 - 64	236,607	3.1	12,051	2.1	1 in 20	42	3,454
65 - 69	185,452	2.4	7,910	1.4	1 in 23	48	2,189
70 - 74	130,333	1.7	5,320	0.9	1 in 24	26	1,524
75 & Over	146,982	1.9	5,918	1.0	1 in 25	37	1,756
TOTALS	3,985,433	51.8	356,096**	62.8%	- - -	1,932	107,689

DRIVERS IN ACCIDENTS - FEMALES

AGE	LICENSED DRIVERS TOTAL	% OF TOTAL	DRIVERS IN ACCIDENTS TOTAL	% OF TOTAL	RATIO*	IN FATAL ACCIDENTS	IN INJURY ACCIDENTS
15 - 19	284,699	3.7	25,821	4.6	1 in 11	62	8,245
20 - 24	535,660	7.0	31,980	5.6	1 in 17	92	10,122
25 - 29	487,508	6.4	24,750	4.4	1 in 20	53	7,788
30 - 34	430,693	5.6	20,080	3.5	1 in 21	56	6,310
35 - 39	342,711	4.5	14,251	2.5	1 in 24	30	4,620
40 - 44	279,955	3.7	10,774	1.9	1 in 26	25	3,402
45 - 49	243,642	3.2	8,646	1.5	1 in 28	25	2,701
50 - 54	245,865	3.2	8,349	1.5	1 in 29	26	2,523
55 - 59	243,177	3.2	7,415	1.3	1 in 33	17	2,299
60 - 64	207,357	2.7	5,676	1.0	1 in 37	17	1,663
65 - 69	157,769	2.1	3,869	0.7	1 in 41	11	1,087
70 - 74	109,668	1.4	2,738	0.5	1 in 40	8	799
75 & Over	105,124	1.4	2,645	0.5	1 in 40	10	757
TOTALS	3,673,830	48.1	169,900**	30.0%	- - -	440	53,090

*Ratio rounded to the nearest whole number and reflects your chance for involvement in an accident.

**Includes drivers under 15 years of age and drivers with age not stated in accidents

OHIO LICENSED DRIVERS BY AGE

1 9 8 1

AGE	T O T A L	% OF ALL DRIVERS	MALE	FEMALE
16	63,521	0.8	35,782	27,739
17	137,274	1.7	73,588	62,686
18	161,994	2.1	87,541	74,453
19	262,215	3.4	142,402	119,813
20	210,757	2.8	109,305	101,452
21	237,204	3.1	124,669	112,535
22	233,974	3.1	119,106	114,868
23	218,733	2.9	112,303	106,430
24	204,295	2.7	103,920	100,375
25	203,764	2.7	104,040	99,724
26	209,344	2.7	107,428	101,916
27	202,214	2.6	102,688	99,526
28	189,524	2.5	96,143	93,381
29	189,543	2.5	96,582	92,961
30	179,372	2.3	91,054	88,318
31	173,452	2.3	87,805	85,647
32	173,473	2.3	87,523	85,950
33	168,739	2.2	84,982	83,757
34	175,094	2.3	88,073	87,021
35	176,091	2.3	89,489	86,602
36	124,938	1.6	63,440	61,498
37	125,503	1.6	63,382	62,121
38	129,746	1.7	65,421	64,325
39	137,144	1.8	68,979	68,165
40	123,396	1.6	62,128	61,268
41	114,536	1.5	57,888	56,648
42	108,498	1.4	54,348	54,150
43	109,932	1.4	55,556	54,376
44	107,812	1.4	54,299	53,513
45	102,270	1.3	51,975	50,295
46	102,175	1.3	52,265	49,910
47	102,981	1.3	52,736	50,245
48	94,005	1.2	48,375	45,630
49	98,396	1.3	50,834	47,562
50	98,431	1.3	51,067	47,364
51	103,239	1.3	53,694	49,545
52	102,782	1.3	53,494	49,288
53	103,326	1.3	54,165	49,161
54	106,290	1.4	55,783	50,507
55	105,199	1.4	55,687	49,512
56	104,309	1.4	54,747	49,562
57	105,061	1.4	55,180	49,881
58	102,433	1.3	54,298	48,135
59	97,960	1.3	51,873	46,087

OHIO LICENSED DRIVERS BY AGE (continued)

AGE	T O T A L	% OF ALL DRIVERS	MALE	FEMALE
60	99,030	1.3	52,479	46,551
61	93,357	1.2	49,641	43,716
62	86,144	1.1	45,916	40,228
63	84,972	1.1	45,400	39,572
64	80,461	1.1	43,171	37,290
65	75,790	0.9	40,909	34,881
66	73,427	0.9	39,717	33,710
67	68,602	0.8	37,094	31,508
68	65,355	0.8	35,263	30,092
69	60,047	0.7	32,469	27,578
70	54,567	0.7	29,617	24,950
71	51,672	0.6	27,834	23,788
72	47,884	0.6	25,870	22,014
73	44,355	0.5	24,223	20,132
74	41,523	0.5	22,739	18,784
75 & Over	252,106	3.3	146,982	105,124
TOTALS	7,659,263		3,985,433	3,673,830

DRIVER CONVICTION TOTALS FOR OFFENSES COMMITTED IN 1981

RANK	V I O L A T I O N S	NUMBER OF CONVICTIONS	PERCENT OF TOTAL
1	SPEED	622,089	51.1
2	TRAFFIC CONTROL LIGHTS	106,867	8.8
3	STOP SIGN	63,747	5.2
4	RECKLESS OPERATION	50,322	4.1
5	ASSURED CLEAR DISTANCE	42,732	3.5
6	FAILURE TO YIELD RIGHT OF WAY	39,639	3.3
7	DRIVING UNDER THE INFLUENCE OF ALCOHOL	39,620	3.3
8	REGISTRATION AND TITLES	39,154	3.2
9	OPERATING AN UNSAFE VEHICLE	35,837	2.9
10	NO DRIVERS LICENSE	31,670	2.6
11	VIOLATION OF TRAFFIC LANES OR LINES	25,057	2.1
12	MOVING VEHICLE VIOLATION	17,673	1.5
13	DRIVING LEFT OF CENTER	12,534	1.0
14	TRAFFIC CONTROL DEVICES	11,532	0.9
15	DRIVING UNDER SUSPENSION OR REVOCATION	10,692	0.9
16 - 65	ALL OTHER VIOLATIONS	68,399	5.6
TOTAL CONVICTIONS		1,217,564	100.0%

PROBABLE CAUSE OF OHIO ACCIDENTS

CAUSE	ACCIDENTS	% OF TOTAL	FATAL ACCIDENTS		INJURY ACCIDENTS		PROPERTY DAMAGE ACCIDENTS	
			URBAN	RURAL	URBAN	RURAL	URBAN	RURAL
FAILURE TO YIELD	54,401	16.1	62	127	10,732	5,918	28,364	9,198
EXCESSIVE SPEED	46,132	13.6	163	275	5,120	12,455	9,453	18,666
DRIVER INATTENTION	41,996	12.4	78	108	7,379	2,697	26,186	5,548
FOLLOWING TOO CLOSE	19,863	5.9	5	1	5,064	750	12,432	1,611
DRUNK DRIVING	16,464	4.9	66	270	3,327	4,168	5,037	3,596
IMPROPER TURNING	12,745	3.8	8	11	1,710	777	8,253	1,986
LEFT OF CENTER	12,653	3.7	40	78	2,140	2,213	4,668	3,514
ANIMAL AT FAULT	9,222	2.7	--	3	92	520	518	8,089
IMPROPER PASSING	7,527	2.2	5	16	718	803	3,711	2,274
VEHICLE DEFECTS	6,955	2.0	7	6	914	957	2,332	2,739
RAN STOP SIGN	6,735	2.0	17	14	2,149	493	3,512	550
RAN TRAFFIC SIGNAL	5,581	1.6	11	2	1,961	186	3,146	275
PEDESTRIAN AT FAULT	3,596	1.1	92	69	2,471	458	417	89
NON-CONTACT VEHICLE AT FAULT	3,524	1.0	4	--	506	710	1,031	1,273
VISION OBSTRUCTION	2,652	0.8	2	--	369	102	1,794	385
ROAD DEFECTS	2,245	0.7	2	1	334	223	1,147	538
STOPPED OR PARKED ILLEGALLY	876	0.3	1	--	101	74	477	223
DRIVING WRONG WAY (On 1-Way Street)	782	0.2	8	5	225	62	424	58
DRIVING TOO SLOW	129	0.0	-	--	38	6	74	11
ALL OTHER CAUSES	52,855	15.6	2	6	8,885	3,971	31,833	8,158
NOT STATED	31,954	9.4	2	2	5,197	1,356	21,613	3,784
TOTALS	338,887	100%	575	994	59,432	38,899	166,422	72,565

ALCOHOL INVOLVEMENT OF DRIVERS IN ACCIDENTS - BY TIME

TIME	IN ALL ACCIDENTS			IN FATAL ACCIDENTS			IN INJURY ACCIDENTS		
	ALL DRIVERS	DRIVERS W/ALCOHOL	% OF TOTAL	ALL DRIVERS	DRIVERS W/ALCOHOL	% OF TOTAL	ALL DRIVERS	DRIVERS W/ALCOHOL	% OF TOTAL
MID-6 AM	62,727	17,066	27.2	615	255	41.5	22,262	8,407	37.8
6 AM-NOON	124,461	1,336	1.1	307	14	4.6	32,448	622	1.9
NOON - 6 PM	232,868	5,280	2.3	645	68	10.5	65,845	2,311	3.5
6 PM - MID	140,484	15,928	11.3	841	264	31.4	44,730	7,441	16.6
TOTALS *	566,662	39,882	7.0%	2,415	602	24.9%	166,303	18,890	11.4%
	MALE DRIVERS**								
MID-6 AM	42,904	14,329	33.4	521	223	42.8	16,319	6,932	42.5
6 AM-NOON	76,246	1,151	1.5	232	14	6.0	19,543	520	2.7
NOON - 6 PM	143,163	4,671	3.3	500	62	12.4	40,550	2,028	5.0
6 PM - MID	91,553	13,748	15.0	673	238	35.4	30,606	6,384	20.9
TOTALS *	356,096	34,134	9.6%	1,932	538	27.8%	107,689	15,960	14.8%
	FEMALE DRIVERS**								
MID - 6 AM	11,295	2,636	23.3	78	32	41.0	4,679	1,425	30.5
6 AM - NOON	42,509	181	0.4	73	0	0.0	12,179	100	0.8
NOON - 6 AM	79,050	572	0.7	141	6	4.3	23,733	267	1.1
6 PM - MID	36,002	2,085	5.8	147	25	17.0	12,202	1,012	8.3
TOTALS *	169,900	5,509	3.2%	440	63	14.3%	53,090	2,815	5.3%

* TOTALS include "Time Not Stated"

**The Male and Female breakdowns do not include the 40,666 drivers whose sex was not stated

ALCOHOL INVOLVEMENT OF DRIVERS IN FATAL ACCIDENTS

DRIVERS INVOLVED IN FATAL TRAFFIC ACCIDENTS		TOTAL DRIVERS	DRINKING DRIVERS KILLED	DRINKING DRIVERS NOT KILLED	DRINKING DRIVERS % KILLED	NON-DRINKING DRIVERS KILLED	NON-DRINKING DRIVERS NOT KILLED	NON-DRINKING DRIVERS % KILLED
ALL DRIVERS OF ALL TYPE VEHICLES	MALE	1,932	286	252	53%	568	826	41%
	FEMALE	440	38	25	60%	172	205	46%
	TOTAL*	2,415	324	278	54%	740	1,073	41%
MOTORCYCLE DRIVERS	MALE	208	48	11	81%	118	31	79%
	FEMALE	2	0	0	0%	1	1	50%
	TOTAL*	210	48	11	81%	119	32	79%
TRUCK DRIVERS	MALE	451	44	49	47%	84	274	23%
	FEMALE	24	2	2	50%	6	14	30%
	TOTAL*	480	46	52	47%	90	292	24%
PASSENGER CAR DRIVERS	MALE	1,170	191	190	50%	330	459	42%
	FEMALE	397	36	23	61%	154	184	46%
	TOTAL*	1,585	227	213	52%	484	661	42%

*TOTALS INCLUDE DRIVERS WHOSE SEX WAS NOT STATED

URBAN/RURAL BREAKDOWN OF INJURED PERSONS IN ALCOHOL RELATED ACCIDENTS

A R E A	K I L L E D TOTAL	K I L L E D ALCOHOL RELATED	K I L L E D % ALCOHOL INVOLVEMENT	I N J U R E D TOTAL	I N J U R E D ALCOHOL RELATED	I N J U R E D % ALCOHOL INVOLVEMENT
CITIES OVER 50,000 POPULATION	371	118	32%	48,929	8,149	17%
CITIES 25,000 TO 50,000	57	22	38%	10,562	1,946	18%
CITIES 10,000 TO 25,000	121	36	30%	16,037	3,052	19%
CITIES 5,000 TO 10,000	49	16	33%	6,123	1,124	18%
CITIES 2,500 TO 5,000	32	10	31%	3,009	501	17%
URBAN TOTALS	630	202	32%	84,660	14,772	17%
VILLAGES UNDER 2,500 POPULATION	38	15	39%	2,541	499	20%
RURAL STATE ROUTES	710	280	39%	31,705	7,331	23%
COUNTY/TOWNSHIP ROADS	402	194	48%	26,038	7,164	28%
RURAL TOTALS	1,150	489	43%	60,284	14,994	25%
STATEWIDE TOTALS	1,780	691	39%	144,944	29,766	21%

	TOTAL ACCIDENTS	FATAL ACCIDENTS	INJURY ACCIDENTS	PROPERTY DAMAGE ACCIDENTS
TOTAL ACCIDENTS	338,887	1,569	98,331	238,987
ACCIDENTS INVOLVING ALCOHOL	39,983	601	19,329	20,053
% ALCOHOL INVOLVEMENT	12%	38%	20%	8%

BICYCLE INJURIES BY AREA

A R E A	KILLED	INJURED
Cities over 50,000 Population	6	1,108
Cities of 25,000 to 50,000 Population	-	315
Cities of 10,000 to 25,000 Population	2	445
Cities of 5,000 to 10,000 Population	1	184
Cities of 2,500 to 5,000 Population	-	64
Villages under 2,500 Population	-	63
Other Rural Roads	20	545
T O T A L S	29	2,724

BICYCLE INJURIES BY LIGHT CONDITIONS

A G E GROUP	TOTAL KILLED	DAY	NIGHT	TOTAL INJURED	DAY	NIGHT
0 - 4 Yrs.	-	-	-	46	46	-
5 - 9 Yrs.	1	1	-	554	532	19
10 - 14 Yrs.	16	11	5	1,002	919	69
15 - 19 Yrs.	3	1	2	591	477	107
20 & Over	9	7	2	466	355	104
T O T A L S	29	20	9	2,724	2,388	305

NOTE: TOTALS includes "Not Stated" Catagories

MOTOR VEHICLE - TRAIN ACCIDENT EXPERIENCE

ACCIDENTS	1981	1980	1979	1978
Fatal	41	48	53	56
Injury	197	281	311	331
Property Damage Only	262	294	416	429
TOTAL ACCIDENTS	500	623	780	816
TOTAL KILLED	49	60	63	77
TOTAL INJURED	266	400	465	452

PEDESTRIAN INJURIES OVER THE LAST FIVE YEARS

	1981	1980	1979	1978	1979
PEDESTRIAN DEATHS	229	276	323	273	273
TOTAL DEATHS	1,780	2,033	2,281	2,048	1,873
% PEDESTRIAN DEATHS TO TOTAL DEATHS	13%	14%	14%	13%	15%
PEDESTRIAN INJURIES	4,819	5,222	5,431	5,694	5,679
TOTAL INJURIES	144,943	157,421	170,120	166,827	166,352
% PEDESTRIAN INJURIES TO TOTAL INJURIES	3.3%	3.3%	3.2%	3.4%	3.4%

PEDESTRIAN INJURIES BY LIGHT CONDITIONS

	KILLED			INJURED		
AGE	TOTAL*	DAY	NIGHT	TOTAL*	DAY	NIGHT
0 - 19	75	43	32	2,477	2,013	438
20 - 39	64	7	57	1,174	537	621
40 - 59	40	8	32	460	257	199
60 & Over	50	21	28	393	295	96
TOTAL	229	79	149	4,819	3,307	1,462

*Includes Light Condition "Not Stated"

PEDESTRIAN ACTIONS

ACTION	KILLED	% OF TOTAL	INJURED	% OF TOTAL
CROSSING IN CROSSWALK	18	7.9%	922	19.1%
CROSSING OTHER THAN CROSSWALK	115	50.2%	1,989	41.3%
WALKING WITH TRAFFIC	23	10.1%	231	4.8%
WALKING AGAINST TRAFFIC	9	3.9%	156	3.2%
WORKING ON CAR IN ROAD	6	2.6%	76	1.6%
WORK/PLAY IN ROAD	9	3.9%	323	6.7%
ENTER/LEAVE VEHICLE	3	1.3%	158	3.3%
OTHER OR NOT STATED	46	20.1%	964	20.0%
TOTAL	229	100%	4,819	100%

PEDESTRIAN ALCOHOL INVOLVEMENT

AGE	PEDESTRIAN DEATHS	DEATHS W/ALCOHOL	%	PEDESTRIANS INJURED	INJURY W/ALCOHOL	%
0 - 14	49	0	0	1,922	4	0
15 - 29	72	18	25%	1,348	223	17%
30 - 44	23	9	39%	493	88	18%
45 - 59	35	8	23%	348	64	18%
60 & OVER	50	1	2%	393	26	7%
AGE NOT STATED	--	--	---	315	27	9%
TOTALS	229	36	16%	4,819	432	9%

RESTRAINT USAGE OF KILLED OR INJURED PERSONS

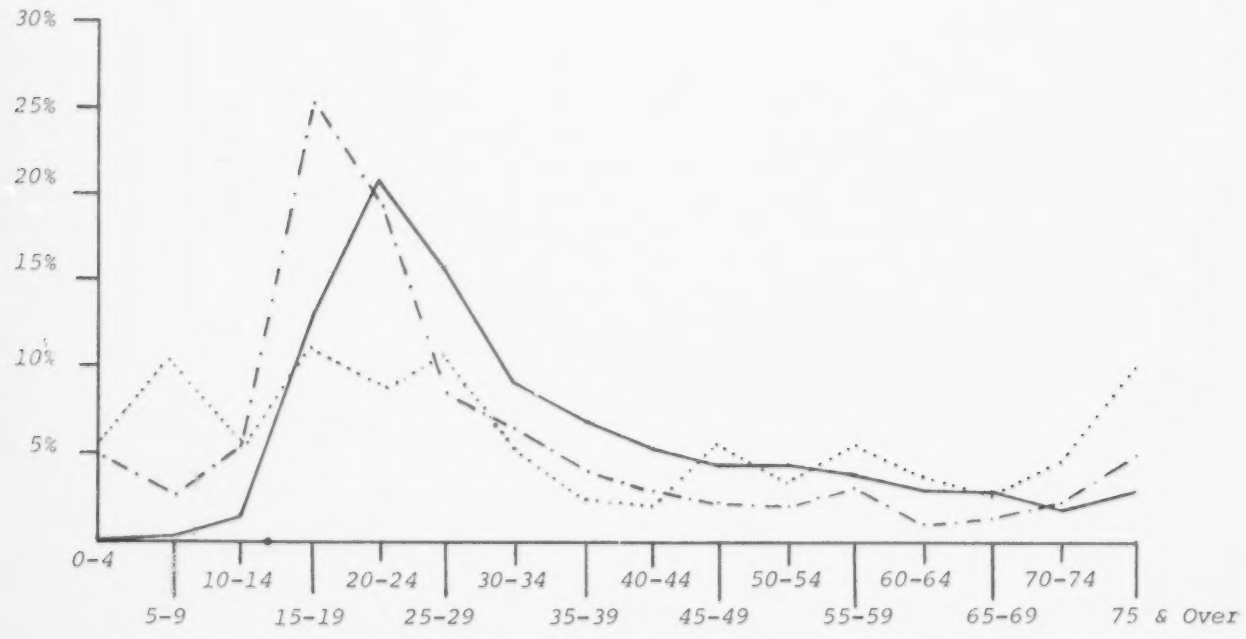
		% OF TOTAL
PERSONS KILLED*		
- RESTRAINTS WORN	48	3.1
- RESTRAINTS NOT WORN	1,160	74.8
- RESTRAINTS NOT STATED	91	5.9
- RESTRAINTS NOT AVAILABLE	252	16.2
T O T A L	1,551	100%
PERSONS WITH INCAPACITATING INJURIES*		
- RESTRAINTS WORN	389	6.8
- RESTRAINTS NOT WORN	4,202	72.7
- RESTRAINTS NOT STATED	383	6.6
- RESTRAINTS NOT AVAILABLE	804	13.9
T O T A L	5,778	100%
PERSONS WITH NON-INCAPACITATING VISIBLE INJURIES*		
- RESTRAINTS WORN	4,279	7.5
- RESTRAINTS NOT WORN	45,094	79.3
- RESTRAINTS NOT STATED	2,607	4.6
- RESTRAINTS NOT AVAILABLE	4,912	8.6
T O T A L	56,892	100%
PERSONS WITH NON-VISIBLE CLAIMED INJURIES*		
- RESTRAINTS WORN	8,874	11.4
- RESTRAINTS NOT WORN	63,103	81.5
- RESTRAINTS NOT STATED	3,250	4.2
- RESTRAINTS NOT AVAILABLE	2,228	2.9
T O T A L	77,455	100%
TOTAL PERSONS KILLED OR INJURED*		
- RESTRAINTS WORN	13,590	9.6
- RESTRAINTS NOT WORN	113,560	80.1
- RESTRAINTS NOT STATED	6,331	4.5
- RESTRAINTS NOT AVAILABLE	8,196	5.8
T O T A L	141,676	100%

*Excludes Pedestrians

AGE DISTRIBUTION OF PERSONS KILLED

AGE GROUPS	TOTAL		DRIVERS*		PASSENGERS**		PEDESTRIANS	
YEARS	KILLED	% OF TOTAL	KILLED	% OF DRIVERS	KILLED	% OF PASSENGERS	KILLED	% OF PEDESTRIANS
0 - 04	36	2.0	--	0.0	24	4.9	12	5.2
05 - 09	38	2.1	2	0.2	12	2.5	24	10.5
10 - 14	64	3.6	23	2.2	28	5.8	13	5.7
15 - 19	297	16.7	143	13.4	128	26.4	26	11.4
20 - 24	345	19.4	228	21.4	96	19.8	21	9.2
25 - 29	240	13.5	173	16.2	42	8.7	25	10.9
30 - 34	146	8.2	102	9.6	32	6.6	12	5.2
35 - 39	104	5.9	77	7.2	21	4.3	6	2.6
40 - 44	78	4.4	59	5.5	14	2.9	5	2.2
45 - 49	73	4.1	48	4.5	11	2.3	14	6.1
50 - 54	68	3.8	50	4.7	10	2.1	8	3.5
55 - 59	72	4.1	43	4.0	16	3.3	13	5.7
60 - 64	47	2.6	32	3.0	6	1.2	9	3.9
65 - 69	47	2.6	33	3.1	8	1.7	6	2.6
70 - 74	41	2.3	19	1.8	11	2.3	11	4.8
75 & Over	83	4.7	34	3.2	25	5.2	24	10.5
TOTALS	1,780	100%	1,066	100%	485	100%	229	100%

*Includes drivers of bicycles, buggies, and other non-motor vehicles
**Includes one person "Age Not Stated"

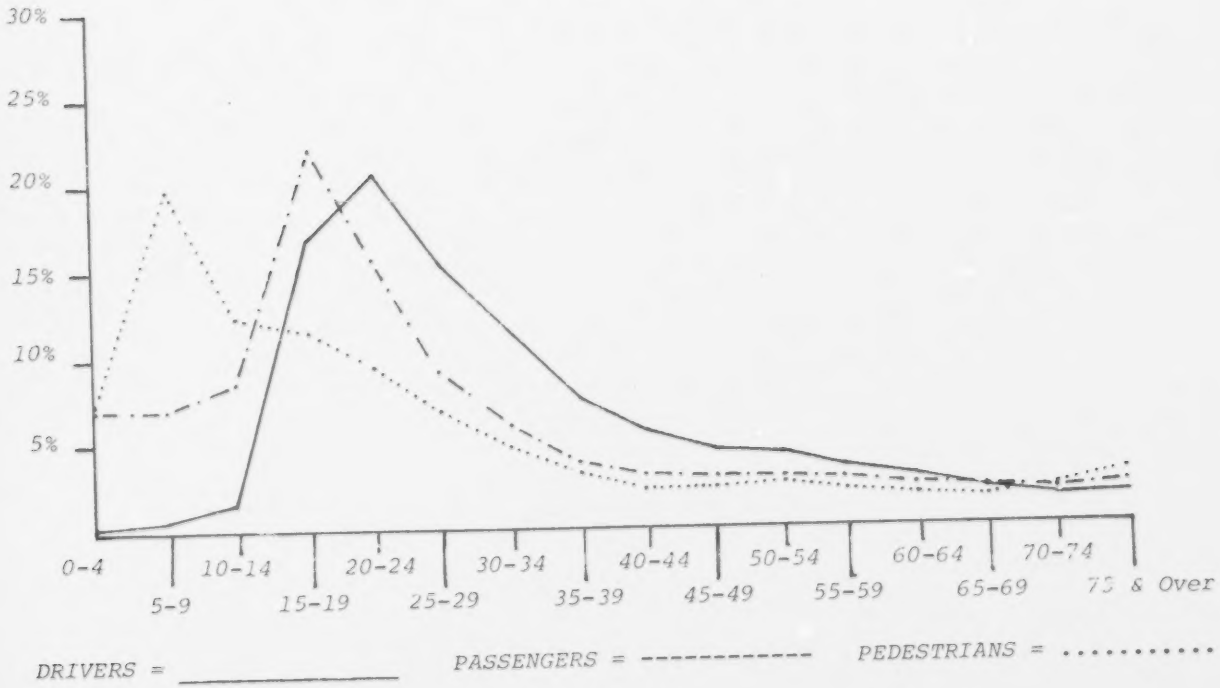


DRIVERS = _____ PASSENGERS = ---------- PEDESTRIANS = ...

AGE DISTRIBUTION OF PERSONS INJURED

	TOTAL		DRIVERS *		PASSENGERS		PEDESTRIANS	
AGE GROUPS	INJURED	% OF TOTAL	INJURED	% OF DRIVERS	INJURED	% OF PASSENGERS	INJURED	% OF PEDESTRIANS
YEARS								
0 - 04	3,641	2.5	101	0.1	3,187	6.8	353	7.3
05 - 09	4,700	3.2	561	0.6	3,179	6.8	960	19.9
10 - 14	5,717	3.9	1,404	1.5	3,704	7.9	609	12.6
15 - 19	26,561	18.3	15,710	16.8	10,296	22.0	555	11.5
20 - 24	27,036	18.7	19,223	20.6	7,359	15.7	454	9.4
25 - 29	18,770	13.0	14,233	15.3	4,198	9.0	339	7.0
30 - 34	13,673	9.4	10,571	11.3	2,868	6.1	234	4.9
35 - 39	8,959	6.2	7,089	7.6	1,723	3.7	147	3.1
40 - 44	6,760	4.7	5,193	5.6	1,455	3.1	112	2.3
45 - 49	5,697	3.9	4,273	4.6	1,311	2.8	113	2.4
50 - 54	5,511	3.8	4,058	4.3	1,328	2.8	125	2.6
55 - 59	5,011	3.5	3,579	3.8	1,322	2.8	110	2.3
60 - 64	3,846	2.7	2,610	2.8	1,137	2.4	99	2.1
65 - 69	2,599	1.8	1,640	1.8	880	1.9	79	1.6
70 - 74	1,982	1.4	1,189	1.3	708	1.5	85	1.8
75 & Over	2,368	1.6	1,284	1.4	954	2.0	130	2.7
Not Stated	2,112	1.4	519	0.6	1,278	2.7	315	6.5
TOTALS	144,944	100%	93,238	100%	46,887	100%	4,819	100%

*Includes drivers of bicycles, buggies, and other non-motor vehicles



TYPES OF VEHICLES INVOLVED IN ACCIDENTS

TYPES OF VEHICLES		TOTAL VEHICLES	% OF ALL VEHICLES	ACCIDENT SEVERITY			INJURIES IN VEHICLES	
				FATAL	INJURY	PROPERTY DAMAGE	FATAL	NON-FATAL
PASSENGER CARS	SUBTOTAL	489,056	80.0	1,635	137,035	350,386	1,092	112,728
Single Body Trucks		15,030	2.5	67	3,350	11,613	19	1,654
Pickup		42,484	6.9	196	11,206	31,082	114	8,237
Van		20,114	3.3	75	4,959	15,080	39	3,668
Truck Tractor		1,110	0.2	4	239	867	1	83
Tractor Semi-Tractor		11,921	1.9	158	2,998	8,765	26	1,393
Tractor Double Trailer		86	0.0	2	28	56	1	14
TRUCKS	SUBTOTAL	90,745	14.8	502	22,780	67,463	200	15,049
Fire Truck		188	0.0	1	35	152	-	21
Police Cruiser		1,810	0.3	3	615	1,192	-	556
Emergency Vehicle		330	0.1	-	100	230	-	81
PUBLIC SAFETY	SUBTOTAL	2,328	0.4	4	750	1,574	0	658
Bus (Public)		1,795	0.3	10	487	1,298	2	439
Taxi		731	0.1	-	185	546	-	136
Train		516	0.1	39	199	278	-	24
PUBLIC TRANSPORTATION	SUBTOTAL	3,042	0.5	49	871	2,122	2	599
Motorcycle		7,668	1.3	211	6,113	1,344	199	6,824
Motorscooter		46	0.0	-	31	15	-	29
MOTORCYCLE	SUBTOTAL	7,714	1.3	211	6,144	1,359	199	6,853
School Bus		2,102	0.3	4	366	1,732	-	321
Church Bus		137	0.0	1	24	112	-	29
Motor Home		428	0.1	2	88	338	1	60
Motorized Bicycle		748	0.1	4	602	142	4	628
Unlicensed Farm Vehicle		423	0.1	12	148	263	7	109
Other Motor Vehicle		1,070	0.2	12	284	774	7	157
ALL OTHER MOTOR VEHICLES	SUBTOTAL	4,908	0.8	35	1,512	3,361	19	1,304
Bicycle		3,294	0.5	35	2,738	521	29	2,724
Animal with Rider		25	0.0	-	14	11	-	14
Animal with Buggy		68	0.0	2	25	41	2	47
ALL NON-MOTOR VEHICLES	SUBTOTAL	3,387	0.6	37	2,777	573	31	2,785
TOTAL ALL VEHICLES*		611,201	100%	2,497	172,464	436,240	1,551	140,125

*TOTALS includes "Not Stated" types of vehicles

PASSENGER CARS INVOLVED IN ACCIDENTS*

MAKE OF CAR	IN ALL ACCIDENTS	IN FATAL ACCIDENTS	IN INJURY ACCIDENTS	IN PROPERTY DAMAGE ACCIDENTS
AMC	14,839	60	4,454	10,325
BUICK	34,142	99	9,317	24,726
CADILLAC	10,375	39	2,945	7,391
CHEVROLET	113,408	403	32,438	80,567
CHRYSLER	11,380	28	3,260	8,092
DODGE	24,192	74	7,021	17,097
FORD	79,575	262	22,626	56,687
LINCOLN	3,923	15	1,083	2,825
MERCERY	18,595	61	5,215	13,319
OLDSMOBILE	43,318	144	11,956	31,218
PLYMOUTH	26,778	128	7,686	18,964
PONTIAC	40,685	131	11,408	29,146
SUBTOTAL	421,210	1,444	119,409	300,357
ALPH-ROMEO	43	---	12	31
AUDI	931	---	266	665
AUSTIN	49	---	18	31
BMS	292	1	71	220
CHECKER	378	---	115	263
DATSUN	6,836	29	1,987	4,820
FIAT	1,292	2	382	908
HONDA	4,949	13	1,430	3,506
JAGUAR	51	--	18	33
JEEP	2,141	18	701	1,422
LOTUS	5	---	1	4
MAZDA	1,773	2	547	1,224
MERCEDES-BENZ	497	---	118	379
M.G.	684	2	225	457
OPEL	975	6	295	674
PEUGEOT	56	---	17	39
PORCHE	271	1	59	211
RENAULT	426	3	141	282
ROLLS-ROYCE	4	---	-----	4
ROVER	1	---	-----	1
SAAB	370	---	93	277
SIMCA	2	---	1	1
SUBARU	1,270	2	358	910
TOYOTA	9,277	37	2,629	6,611
TRIUMPH	582	1	177	404
VOLKSWAGON	11,295	47	3,211	8,037
VOLVO	930	3	264	663
SUBTOTAL	45,380	167	13,136	32,077
MAKE NOT STATED	23,197	24	4,675	18,498
TOTAL ALL MAKES	489,787	1,635	137,220	350,932

*Includes Taxis

TRUCKS IN ACCIDENTS

YEAR AND TYPE OF TRUCK	% OF ALL VEHICLES IN ACCIDENTS	VEHICLES IN FATAL ACCIDENTS	VEHICLES IN INJURY ACCIDENTS	VEHICLES IN PROPERTY DAMAGE ONLY ACCIDENTS	INJURIES FATAL	INJURIES NON-FATAL
SINGLE BODY TRUCK	3.20%	104	5,306	19,475	31	2,608
1 PICKUP	4.95%	177	9,884	28,447	87	7,211
9 VAN	2.91%	65	5,232	17,297	36	3,936
7 TRUCK TRACTOR	0.19%	4	305	1,174	0	139
7 TRACTOR-TRAILER TRUCK	1.95%	193	3,664	11,286	31	1,648
FIRE TRUCK	0.04%	0	47	258	0	41
SINGLE BODY TRUCK	2.53%	89	4,209	16,014	22	2,030
1 PICKUP	6.32%	222	12,177	38,358	99	8,721
9 VAN	3.14%	85	5,728	19,444	49	4,461
7 TRUCK TRACTOR	0.18%	8	246	1,155	2	91
8 TRACTOR-TRAILER TRUCK	2.10%	204	3,979	12,684	36	1,830
FIRE TRUCK	0.04%	0	33	260	0	22
SINGLE BODY TRUCK	2.76%	46	2,091	7,993	9	1,007
1 PICKUP	6.79%	119	6,016	19,357	64	4,232
9 VAN	3.26%	43	2,750	9,348	19	2,009
7 TRUCK TRACTOR	0.19%	6	141	610	3	57
9 TRACTOR-TRAILER TRUCK	2.00%	120	1,956	5,870	21	868
FIRE TRUCK	0.03%	0	18	106	0	15
SINGLE BODY TRUCK	2.51%	73	3,684	13,109	11	1,796
1 PICKUP	6.90%	237	12,180	33,888	133	9,254
9 VAN	3.29%	87	5,423	16,574	37	4,144
8 TRUCK TRACTOR	0.17%	2	262	856	0	95
0 TRACTOR-TRAILER TRUCK	1.79%	158	3,025	8,836	25	1,332
FIRE TRUCK	0.03%	3	39	187	1	34
SINGLE BODY TRUCK	2.46%	67	3,350	11,613	19	1,654
1 PICKUP	6.95%	196	11,206	31,082	114	8,237
9 VAN	3.29%	75	4,959	15,080	39	3,668
8 TRUCK TRACTOR	0.18%	4	239	867	1	83
1 TRACTOR TRAILER TRUCK	1.96%	160	3,026	8,821	27	1,407
FIRE TRUCK	0.03%	1	35	152	0	21

MOTORCYCLE INVOLVEMENT

YEAR	MOTORCYCLISTS KILLED		MOTORCYCLISTS INJURED	
	DRIVER	PASSENGER	DRIVER	PASSENGER
1981	168	31	5,783	1,070
1980	198	30	6,227	1,253
1979	215	37	6,522	1,204
1978	198	19	6,043	1,080

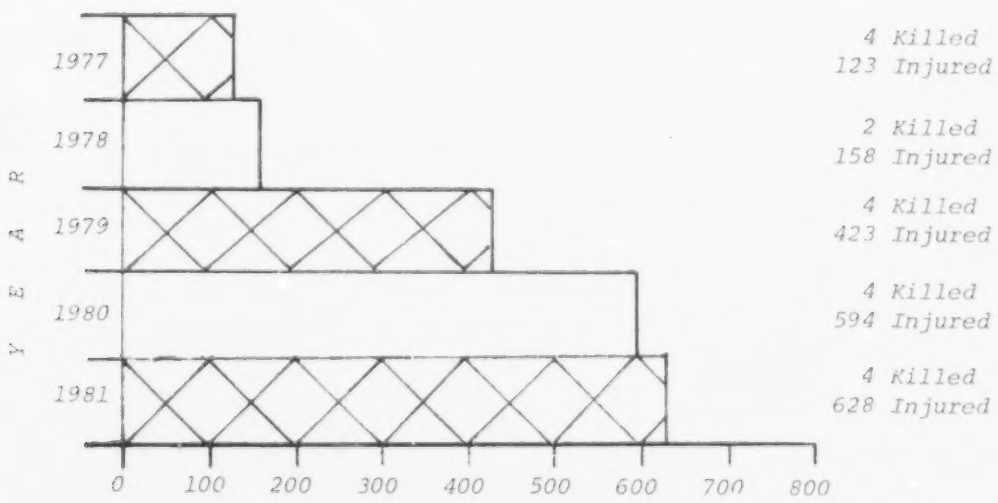
NOTE: Figures include riders of motorscooters but exclude riders of motorized bicycles

HELMET USE OF FATALLY INJURED MOTORCYCLISTS

TIME	TOTAL KILLED	WITH HELMET KILLED	%	WITHOUT HELMET KILLED	%	NOT STATED KILLED	%
JAN-JUNE 1978	79	65	82%	10	13%	4	5%
JAN-JUNE 1979	121	45	37%	75	62%	1	1%
JAN-JUNE 1980	108	27	25%	75	69%	6	6%
JAN-JUNE 1981	94	30	32%	61	65%	3	3%
JULY-DEC 1978	138	46	33%	92	67%	0	0%
JULY-DEC 1979	131	37	28%	94	72%	0	0%
JULY-DEC 1980	120	33	27%	78	65%	9	8%
JULY-DEC 1981	105	17	16%	78	74%	10	10%
TOTAL 1978	217	111	51%	102	47%	4	2%
TOTAL 1979	252	82	33%	169	67%	1	0.3%
TOTAL 1980	228	60	26%	153	67%	15	7%
TOTAL 1981	199	47	24%	139	70%	13	6%

NOTE: The law repealing mandatory use of a helmet took effect July 10, 1978

DEATHS AND INJURIES ON MOTORIZED BICYCLES



TEN LEADING CAUSES OF DEATH IN THE UNITED STATES

ALL AGES	TOTAL	MALE	FEMALE
HEART DISEASE	729,510	398,267	331,243
CANCER	396,992	215,997	180,995
STROKE	175,629	73,648	101,981
PNEUMONIA	54,267	29,130	25,137
MOTOR VEHICLE ACCIDENTS	52,411	38,139	14,272
DIABETES MELLITUS	33,841	13,910	19,931
CIRRHOSIS OF LIVER	30,066	19,692	10,373
ARTERIOSCLEROSIS	28,940	11,541	17,399
SUICIDE	27,294	20,188	7,106
HOMICIDE	20,432	15,838	4,594

SOURCE: INFORMATION FOR THIS TABLE WAS TAKEN FROM THE 1981 EDITION OF "ACCIDENT FACTS", PUBLISHED BY THE NATIONAL SAFETY COUNCIL

TRAFFIC DEATH TOLLS BY STATE

STATE	1981*	1980	STATE	1981*	1980	STATE	1981*	1980
AL	934	947	LA	1,162	1,212	OK	1,000	972
AK	97	87	ME	214	260	OR	645	646
AZ	905	947	MD	791	782	PA	1,988	2,114
AR	534	587	MA	743	881	RI	111	128
CA	4,995	5,489	MI	1,559	1,772	SC	847	859
CO	751	709	MN	756	863	SD	167	228
CT	523	582	MS	745	697	TN	1,100	1,171
DE	111	158	MO	1,050	1,191	TX	4,604	4,424
DC	50	46	MT	338	325	UT	357	335
FL	3,092	2,879	NB	378	396	VT	116	134
GA	1,347	1,503	NV	295	346	VA	1,011	1,045
HI	150	185	NH	147	194	WA	871	985
ID	293	329	NJ	1,162	1,191	WV	440	539
IL	1,851	1,994	NM	543	615	WI	923	985
IN	1,164	1,177	NY	2,468	2,619	WY	263	244
IA	610	626	NC	1,483	1,514			
KS	568	595	ND	166	151			
KY	831	825	OH	1,703	2,033			
						U.S. TOTAL	50,700	52,600

*Preliminary Figures

SOURCE: Information for this table was taken from the May/June 1982 edition of the National Safety Council's Monthly Report

ECONOMIC COST OF ACCIDENTS IN 1981

I T E M	1981** (MILLIONS)	1980* (MILLIONS)	1979* (MILLIONS)	1978* (MILLIONS)	1977* MILLIONS)
DEATHS	$330	$345	$365	$340	$255
INCOMPACITATING INJURY	100	95	95	90	80
VISIBLE INJURIES	280	290	275	260	230
NON-VISIBLE CLAIMED INJURIES	95	95	95	90	85
PROPERTY DAMAGE ONLY ACCIDENTS	250	255	260	255	250
OHIO: TOTAL COST ***	$1,055	$1,080	$1,090	$1,045	$900
UNITED STATES: TOTAL COST ***	NOT AVAILABLE	$39,300	$35,800	$34,300	$30,500

*Based on National Safety Council Estimates
**Based on Ohio Department of Highway Safety Estimates
***The calculable costs of motor vehicle accidents are wage loss, medical expense, insurance administration cost, and property damage, according to the National Safety Council. All items were rounded to the nearest $5,000.00

DEATH TOLLS THROUGH THE YEARS

YEAR	DEATHS	DEATH RATE**	YEAR	DEATHS	DEATH RATE**
1936	2,389	18.66	1959	1,853	4.88
1937	2,616	17.78	1960	1,907	4.93
1938	1,922	13.18	1961	1,679	4.26
1939	1,903	12.27	1962	1,864	4.65
1940	2,070	12.46	1963	2,011	4.78
1941	2,458	13.49	1964	2,108	4.75
1942	1,783	11.31	1965	2,333	4.99
1943	1,331	10.43	1966	2,605	5.40
1944	1,340	11.01	1967	2,533	5.09
1945	1,545	11.14	1968	2,555	4.84
1946	1,823	9.94	1969	2,778*	4.98
1947	1,830	9.14	1970	2,575	4.60
1948	1,856	8.40	1971	2,381	3.90
1949	1,716	7.27	1972	2,451	3.86
1950	1,754	6.98	1973	2,385	3.66
1951	1,778	6.63	1974	1,900	3.01
1952	2,013	7.01	1975	1,809	2.82
1953	2,047	6.67	1976	1,930	2.88
1954	1,883	5.93	1977	1,873	2.68
1955	2,074	6.31	1978	2,048	2.84
1956	2,023	5.85	1979	2,281	3.12
1957	2,053	5.72	1980	2,033	2.83
1958	1,817	4.91	1981	1,780	2.48

*Denotes Record
**Deaths per 100 million miles traveled

NOTE: 93,696 persons have been killed on Ohio Highway since 1936 when Ohio started keeping track of fatalities -- an average of 2,037 per year

1981 MOTOR VEHICLE ACCIDENTS - BY CITIES

CITY NAME	COUNTY	ACCIDENTS TOTAL	ACCIDENTS FATAL	ACCIDENTS INJURY	ACCIDENTS PROPERTY DAMAGE	DEATHS	INJURIES	1980 POPULATION	DEATH RATE*
19 CITIES OVER 50,000 POPULATION									
AKRON	SUM	10,728	28	2,773	7,927	28	4,047	236,820	11.8
CANTON	STA	4,420	8	1,126	3,286	8	1,536	94,632	8.5
CINCINNATI	HAM	20,756	50	4,300	16,406	53	5,824	383,058	13.8
CLEVELAND	CUY	27,371	86	6,332	20,953	94	9,115	572,532	16.4
CLEVELAND HTS	CUY	844	2	304	538	2	436	55,563	3.6
COLUMBUS	FRA	25,014	68	6,074	18,872	76	8,394	561,944	13.5
DAYTON	MOT	7,906	19	2,407	5,480	20	3,478	193,319	10.3
ELYRIA	LOR	1,429	1	433	995	1	604	57,039	1.8
EUCLID	CUY	1,134	5	368	761	6	500	59,896	10.0
HAMILTON	BUT	2,601	5	820	1,776	5	1,174	62,845	8.0
KETTERING	MOT	1,074	1	352	721	1	525	61,223	1.6
LAKEWOOD	CUY	1,006	5	344	657	5	460	61,921	8.1
LORAIN	LOR	2,191	6	609	1,576	7	836	75,339	9.3
MANSFIELD	RIC	2,203	6	569	1,628	7	831	53,907	13.0
PARMA	CUY	1,916	7	593	1,316	7	869	92,578	7.6
SPRINGFIELD	CLA	1,911	3	572	1,336	3	841	72,098	4.2
TOLEDO	LUC	17,514	29	4,248	13,237	33	6,216	354,265	9.3
WARREN	TRU	1,438	2	554	882	2	864	55,456	3.6
YOUNGSTOWN	MAH	3,106	9	1,085	2,012	12	1,644	115,429	10.4
32 CITIES WITH POPULATION OF 25,000 TO 49,999									
BARBERTON	SUM	872	3	263	606	3	358	29,732	10.1
BEAVERCREEK	GRE	699	4	226	469	4	337	31,576	12.7
BOWLING GREEN	WOO	539	3	116	420	3	154	25,745	11.7
BROOK PARK	CUY	584	1	205	378	1	309	26,195	3.8
BRUNSWICK	MED	290	-	105	185	-	171	27,645	---
CUYAHOGA FALLS	SUM	1,099	3	301	795	3	426	43,708	6.9
EAST CLEVELAND	CUY	938	2	298	638	2	436	36,694	5.5
FAIRBORN	GRE	654	-	138	516	-	189	29,747	---
FAIRFIELD	BUT	938	2	320	616	2	497	30,816	6.5
FINDLAY	HAN	1,269	1	309	959	1	425	35,471	2.8
GARFIELD HTS	CUY	615	1	199	415	1	273	34,956	2.9
KENT	POR	691	-	217	474	-	295	26,142	---
LANCASTER	FAI	1,492	-	289	1,203	-	414	34,911	---
LIMA	ALL	2,081	1	546	1,534	1	735	47,352	2.1
MAPLE HTS	CUY	503	2	167	334	2	245	29,731	6.7
MARION	MAR	1,046	2	317	727	2	432	37,071	5.4
MASSILLON	STA	1,126	4	302	819	5	439	30,127	16.6
MENTOR	LAK	1,347	2	383	962	2	531	41,903	4.8
MIDDLETOWN	BUT	1,576	-	452	1,124	-	666	43,693	---
NEWARK	LIC	1,219	4	315	900	4	438	41,158	9.7
NILES	TRU	579	2	197	380	2	289	25,676	7.8
NORTH OLMSTEAD	CUY	647	-	206	441	-	287	36,480	---
NORWOOD	HAM	1,082	3	204	875	4	278	26,126	15.3
PORTSMOUTH	SCI	912	2	261	649	2	404	25,993	7.7
SANDUSKY	ERI	1,152	1	286	865	1	416	31,303	3.2
SHAKER HTS	CUY	678	1	183	494	1	253	31,225	3.2

*Death Rate per 100,000 Population

*Death rate per 100,000 Population

1981 MOTOR VEHICLE ACCIDENTS - BY CITIES (32 W/POPULATION 25,000 to 49,999)

CITY NAME	COUNTY	ACCIDENTS TOTAL	FATAL	INJURY	PROPERTY DAMAGE	DEATHS	INJURIES	1980 POPULATION	RATE*
SOUTH EUCLID	CUY	568	2	161	405	3	230	25,721	11.7
STEUBENVILLE	JEF	1,228	3	266	959	3	351	26,287	11.4
STOW	SUM	544	1	202	341	1	307	25,299	4.0
STRONGSVILLE	CUY	830	4	274	552	4	410	28,525	3.5
UPPER ARLINGTON	FRA	479	2	117	360	2	171	35,624	5.6
ZANESVILLE	MUS	1,223	5	318	900	5	449	28,600	17.5
97 CITIES WITH POPULATION OF 10,000 to 24,999									
ALLIANCE	STA	925	3	270	652	3	371	24,322	12.3
AMHERST	LOR	248	1	83	164	1	120	10,620	9.4
ASHLAND	ASD	425	1	95	329	2	143	20,252	9.9
ASHTABULA	ATB	819	4	246	569	4	340	23,344	17.1
ATHENS	ATH	451	-	122	329	-	173	19,801	----
AVON LAKE	LOR	107	1	47	59	1	78	13,184	7.6
BAY VILLAGE	CUY	131	-	47	84	-	66	17,839	----
BEDFORD	CUY	309	1	116	192	1	166	15,003	6.7
BEDFORD HTS	CUY	413	1	122	290	1	173	13,187	7.6
BELLEFONTAINE	LOG	286	-	77	209	-	115	11,798	----
BEREA	CUY	483	2	142	339	2	199	19,636	10.2
BEXLEY	FRA	262	3	66	193	5	99	13,396	37.3
BRECKSVILLE	CUY	161	-	54	107	-	74	10,133	----
BROADVIEW HTS	CUY	24	4	6	14	4	15	10,909	36.7
BROOKLYN	CUY	311	-	127	184	-	190	12,324	----
BUCYRUS	CRA	231	1	89	141	1	122	13,410	7.5
CAMBRIDGE	GUE	279	-	85	194	-	128	13,450	----
CAMPBELL	MAH	147	-	58	89	-	82	11,591	----
CENTERVILLE	MOT	338	2	124	212	2	187	18,953	10.6
CHILLICOTHE	ROS	1,036	2	213	821	2	290	23,384	8.6
CIRCLEVILLE	PIC	338	1	88	249	1	117	11,682	8.6
CONNEAUT	ATB	391	2	106	283	2	155	13,839	14.5
COSHOCTON	COS	302	-	65	237	-	86	13,418	----
DEFIANCE	DEF	600	1	175	424	1	248	16,633	6.0
DELAWARE	DEL	556	1	141	414	1	199	18,535	5.4
DOVER	TUS	388	-	120	268	-	181	11,500	----
EAST LIVERPOOL	COL	582	2	103	477	2	136	16,680	12.0
EASTLAKE	LAK	438	5	135	298	5	187	21,954	22.8
ENGLEWOOD	MOT	228	-	82	146	-	119	11,320	----
FAIRVIEW PARK	CUY	222	1	73	148	1	108	19,283	5.2
FOREST PARK	HAM	310	-	107	203	-	144	18,770	----
FOSTORIA	SEN	339	-	116	223	-	158	15,717	----
FRANKLIN	WAR	349	3	110	236	3	173	10,714	28.0
FREMONT	SAN	598	1	149	448	1	207	17,887	5.5
GAHANNA	FRA	285	-	93	192	-	120	16,083	----
GALION	CRA	210	-	66	144	-	82	12,424	----
GIRARD	TRU	276	2	95	179	2	151	12,506	16.0
GREENVILLE	DAR	401	-	85	316	-	139	13,002	----
GROVE CITY	FRA	332	-	81	251	-	104	16,688	----
IRONTON	LAW	545	-	117	428	-	158	14,187	----
LYNDHURST	CUY	382	-	108	274	-	159	18,093	----
MARIETTA	WAS	554	2	153	399	3	212	16,462	18.2
MAUMEE	LUC	481	1	161	319	1	229	15,752	6.3

*Death Rate per 100,000 Population

1981 MOTOR VEHICLE ACCIDENTS - BY CITIES (97 W/POPULATION 10,000 TO 24,999)

CITY NAME	COUNTY	ACCIDENTS TOTAL	FATAL	INJURY	PROPERTY DAMAGE	DEATHS	INJURIES	1980 POPULATION	DEATH RATE*
MAYFIELD HTS	CUY	437	-	136	301	-	195	21,383	----
MEDINA	MED	436	-	112	324	-	154	15,309	----
MIAMISBURG	MOT	518	1	151	366	3	227	15,327	19.6
MIDDLEBURG HTS	CUY	658	1	159	498	1	230	16,228	6.2
MONTGOMERY	HAM	321	-	80	241	-	108	10,071	----
MT VERNON	KNO	583	-	144	439	-	187	14,362	----
NEW PHILDELPHIA	TUS	548	-	153	395	-	206	16,921	----
NORTH CANTON	STA	380	-	115	265	-	174	14,101	----
NORTH RIDGEVILLE	LOR	395	2	138	255	3	212	21,240	14.1
NORTH ROYALTON	CUY	492	4	161	327	4	251	17,705	22.6
NORTON	SUM	403	2	137	264	2	187	12,241	16.3
NORWALK	HUR	344	-	108	236	-	154	14,348	----
NO. COLLEGE HILL	HAM	291	-	68	223	-	96	10,857	----
OREGON	LUC	530	2	166	362	2	267	18,682	10.7
OXFORD	BUT	280	1	79	200	1	108	17,669	5.7
PAINESVILLE	LAK	548	-	157	391	-	224	16,351	----
PARMA HTS	CUY	415	-	132	283	-	190	23,054	----
PERRYSBURG	WOO	210	1	65	144	4	91	10,196	39.2
PIQUA	MIA	599	1	146	452	1	209	20,466	4.9
RAVENNA	POR	364	2	100	262	2	165	11,956	16.7
READING	HAM	459	-	129	330	-	187	12,706	----
REYNOLDSBURG	FRA	465	1	125	339	1	192	20,513	4.9
RICHMOND HTS	CUY	215	3	58	154	3	94	10,090	29.7
ROCKY RIVER	CUY	302	3	81	218	4	122	21,070	19.0
SALEM	COL	401	-	100	301	-	138	12,865	----
SEVEN HILLS	CUY	297	1	74	222	1	110	13,614	7.3
SHARONVILLE	HAM	537	3	152	382	3	228	10,108	29.7
SHEFFIELD LAKE	LOR	74	1	19	54	1	25	10,498	9.5
SIDNEY	SHE	622	2	129	491	3	161	17,658	17.0
SOLON	CUY	386	3	131	252	3	182	13,950	21.5
STRUTHERS	MAH	249	2	66	181	2	82	13,609	14.7
SYLVANIA	LUC	247	-	77	170	-	102	15,556	----
TALLMADGE	SUM	443	2	139	302	2	210	15,238	13.1
TIFFIN	SEN	568	-	151	417	-	204	19,567	----
TROY	MIA	452	-	113	339	-	173	19,008	----
UNIVERSITY HTS	CUY	DOES NOT REPORT						15,369	
URBANA	CHP	304	-	81	223	-	114	10,774	----
VAN WERT	VAN	352	2	90	260	2	109	10,930	18.3
VANDALIA	MOT	240	2	81	157	3	124	13,164	22.8
VERMILION	ERI	229	1	71	157	1	103	11,011	9.1
WADSWORTH	MED	263	1	81	181	1	113	15,187	6.6
WARRENSVILLE HTS	CUY	300	2	123	175	2	170	16,352	12.2
WASHINGTON C H	FAY	351	1	97	253	1	129	12,648	7.9
WEST CARROLLTON	MOT	365	1	111	253	1	154	13,160	7.6
WESTERVILLE	FRA	393	3	99	291	3	139	23,347	12.8
WESTLAKE	CUY	512	2	156	354	2	221	19,475	10.3
WHITEHALL	FRA	648	-	217	431	-	332	21,295	----
WICKLIFFE	LAK	444	1	166	277	1	240	17,022	5.9
WILLOUGHBY	LAK	667	1	240	426	1	327	19,135	5.2
WILLOWICK	LAK	299	-	101	198	-	150	17,669	----
WILMINGTON	CLI	325	-	71	254	-	102	10,422	----
WOOSTER	WAY	863	1	231	631	1	327	19,273	5.2

*Death Rate per 100,000 Population

1981 MOTOR VEHICLE ACCIDENTS - BY CITIES (97 W/POPULATION 10,000 TO 24,999)

CITY NAME	COUNTY	ACCIDENTS TOTAL	FATAL	INJURY	PROPERTY DAMAGE	DEATHS	INJURIES	1980 POPULATION	DEATH RATE*
WORTHINGTON	FRA	359	-	111	248	-	155	14,970	----
XENIA	GRE	618	-	158	460	-	219	24,712	----
88 CITIES WITH POPULATION OF 5,000 TO 9,999									
ADA	HAR	72	-	12	60	-	16	5,646	----
AURORA	POR	253	2	73	178	2	118	8,174	24.5
AVON	LOR	221	4	79	138	4	105	7,265	55.1
BEACHWOOD	CUY	393	-	121	272	-	184	9,958	----
BELLAIRE	BEL	293	1	52	240	1	83	8,231	12.1
BELLBROOK	GRE	58	-	17	41	-	18	5,182	----
BELLEVUE	HUR	190	-	48	142	-	62	8,193	----
BELPRE	WAS	198	1	59	138	1	101	7,155	14.0
BLUE ASH	HAM	367	1	98	268	1	149	9,482	10.5
BRYAN	WIL	266	-	68	198	-	92	7,880	----
CANFIELD	MAH	78	-	23	56	-	33	5,530	----
CELINA	MER	305	-	75	231	-	94	9,127	----
CHEVIOT	HAM	202	2	50	150	2	68	9,878	20.2
CLYDE	SAN	91	-	30	61	-	44	5,492	----
CORTLAND	TRU	62	1	19	42	1	35	5,001	20.0
CRESTLINE	CRA	104	-	25	79	-	33	5,404	----
DEER PARK	HAM	129	-	23	106	-	30	6,630	----
DELPHOS	ALL	171	-	42	129	-	55	7,317	----
EAST PALESTINE	COL	73	-	16	57	-	24	5,303	----
EATON	PRE	183	-	50	133	-	72	6,830	----
FAIRLAWN	SUM	183	-	59	124	-	92	6,105	----
GALLIPOLIS	GAL	278	-	67	211	-	115	5,601	----
GENEVA	ATB	144	-	56	88	-	79	6,612	----
GERMANTOWN	MOT	112	2	35	75	2	57	5,022	39.8
GRANDVIEW HTS	FRA	182	-	49	133	-	66	7,396	----
GREENFIELD	HIG	150	-	31	119	-	37	5,035	----
HARRISON	HAM	142	1	26	115	1	35	5,851	17.1
HEATH	LIC	236	1	76	159	1	111	6,961	14.4
HIGHLAND HTS	CUY	197	-	65	132	-	94	5,732	----
HILLIARD	FRA	122	-	40	82	-	51	8,067	----
HILLSBORO	HIG	250	-	52	198	-	73	6,344	----
HUBBARD	TRU	198	-	70	128	-	99	9,262	----
HURON	ERI	121	-	34	87	-	45	7,075	----
INDEPENDENCE	CUY	411	5	137	269	5	185	6,612	75.6
INDIAN HILL	HAM	163	-	61	102	-	86	5,502	----
JACKSON	JAC	243	-	60	183	-	78	6,670	----
KENTON	HAR	281	1	58	222	1	73	8,613	11.6
KIRTLAND	LAK	194	-	50	144	-	80	5,915	----
LEBANON	WAR	318	1	86	231	1	128	9,620	10.4
LINCOLN HTS	HAM	76	1	14	61	1	18	5,150	19.4
LOGAN	HOC	218	2	51	165	2	77	6,557	30.5
LONDON	MAD	122	-	19	103	-	26	6,916	----
LOUISVILLE	STA	162	-	41	121	-	63	7,839	----
LOVELAND	HAM	121	-	33	88	-	43	9,096	----
MADEIRA	HAM	161	1	36	124	1	44	9,293	10.8

*Death Rate per 100,000 Population

1981 MOTOR VEHICLE ACCIDENTS - BY CITIES (88 CITIES WITH POPULATION OF 5,000 TO 9,999)

CITY NAME	COUNTY	ACCIDENTS TOTAL	FATAL	INJURY	PROPERTY DAMAGE	DEATHS	INJURIES	1980 POPULATION	DEATH RATE*
MACEDONIA	SUM	257	1	96	160	1	156	6,562	15.2
MARTINS FERRY	BEL	195	1	34	160	1	43	9,260	10.8
MARYSVILLE	UNI	192	-	45	147	-	64	7,403	----
MASON	WAR	156	-	49	107	-	77	8,696	----
MENTOR-ON-LAKE	LAK	67	-	20	47	-	24	7,894	----
MILFORD	CLE	134	-	33	101	-	46	5,206	----
MORAINE	MOT	404	3	150	251	3	213	5,250	57.1
MT HEALTHY	HAM	219	-	63	156	-	94	7,553	----
NAPOLEON	HEN	240	1	47	192	4	62	8,615	46.4
NEW CARLISLE	CLA	94	-	27	67	-	40	6,435	----
NEW LEXINGTON	PER	129	-	26	103	-	36	5,174	----
NORTHWOOD	WOO	242	1	75	166	1	110	5,482	18.2
OAKWOOD	MOT	94	1	34	59	1	46	9,404	10.6
OBERLIN	LOR	115	-	32	83	-	51	8,600	----
OLMSTEAD FALLS	CUY	105	2	33	70	2	41	5,868	34.1
ORRVILLE	WAY	165	-	39	126	-	50	7,507	----
PEPPER PIKE	CUY	233	-	82	151	-	112	6,175	----
PORT CLINTON	OTT	256	2	58	196	2	74	7,229	27.7
RITTMAN	WAY	116	-	27	89	-	34	6,066	----
ROSSFORD	WOO	115	-	34	81	-	50	5,443	----
SEBRING	MAH	71	-	10	61	-	12	5,081	----
SHELBY	RIC	201	-	52	149	-	76	9,643	----
SILVERTON	HAM	166	2	50	114	2	72	6,166	32.4
SPRINGDALE	HAM	587	3	180	404	3	270	7,474	40.1
STREETSBORO	POR	345	-	116	229	-	174	9,043	----
ST BERNARD	HAM	260	-	60	200	-	80	5,411	----
ST CLAIRSVILLE	BEL	92	-	16	76	-	23	5,425	----
ST MARYS	AUG	237	-	49	188	-	76	8,368	----
TIPP CITY	MIA	108	-	28	80	-	36	5,601	----
TORONTO	JEF	121	-	31	90	-	44	6,738	----
TRENTON	BUT	102	-	28	74	-	36	6,375	----
TROTWOOD	MOT	125	1	39	85	1	63	7,809	12.8
TWINSBURG	SUM	274	-	95	179	-	123	7,627	----
UHRICHSVILLE	TUS	127	1	28	98	1	47	6,139	16.3
UNION	MOT	35	-	13	22	-	21	5,109	----
UPPER SANDUSKY	WYA	152	-	26	126	-	32	5,972	----
WAPAKONETA	AUG	195	-	41	154	-	50	8,379	----
WAUSEON	FUL	137	2	35	100	4	46	6,170	64.8
WELLSTON	JAC	209	-	51	158	-	78	6,028	----
WELLSVILLE	COL	120	-	22	98	-	23	5,096	----
WILLARD	HUR	93	-	25	68	-	43	5,666	----
WILLIOUGHBY HILL	LAK	299	2	100	197	2	145	8,481	23.6
WYOMING	HAM	110	-	35	75	-	43	8,247	----

*Death Rate per 100,000 Population

1981 MOTOR VEHICLE TRAFFIC ACCIDENTS - BY COUNTY

	ACCIDENTS				INJURIES			
COUNTY	TOTAL	FATAL	INJURY	PROPERTY DAMAGE	FATAL	NON-FATAL	1980 POPULATION	DEATH RATE*
ADAMS	793	7	210	576	7	320	24,328	28.8
ALLEN	3,932	12	1,160	2,760	12	1,654	112,241	10.7
ASHLAND	1,419	10	434	975	11	670	46,178	23.8
ASHTABULA	3,129	18	1,052	2,059	20	1,555	104,215	19.2
ATHENS	1,526	11	489	1,026	12	698	56,399	21.3
AUGLAIZE	1,024	11	282	731	12	443	42,554	28.2
BELMONT	2,454	6	660	1,788	6	1,006	82,569	7.3
BROWN	812	9	249	554	12	391	31,920	37.6
BUTLER	8,029	35	2,655	5,339	40	3,940	258,787	15.5
CARROLL	679	5	203	471	5	296	25,598	19.5
CHAMPAIGN	836	8	246	582	13	355	33,649	38.6
CLARK	3,771	18	1,282	2,471	23	1,927	150,236	15.3
CLERMONT	3,949	30	1,351	2,568	33	2,211	128,483	25.7
CLINTON	919	1	280	638	1	432	34,603	2.9
COLUMBIANA	3,202	22	945	2,235	28	1,421	113,572	24.7
COSHOCTON	964	8	261	695	8	385	36,024	22.2
CRAWFORD	1,167	10	389	768	10	582	50,075	20.0
CUYAHOGA	47,091	162	12,646	34,283	173	18,185	1,498,295	11.5
DARKE	1,152	4	350	798	5	532	55,096	9.1
DEFIANCE	1,230	8	397	825	8	579	39,987	20.0
DELAWARE	1,702	15	538	1,149	18	820	53,840	33.4
ERIE	2,753	10	820	1,923	14	1,285	79,655	17.6
FAIRFIELD	2,769	16	710	2,043	17	1,076	93,678	18.1
FAYETTE	876	8	284	584	10	414	27,467	36.4
FRANKLIN	32,047	103	8,320	23,624	117	11,750	869,109	13.5
FULTON	875	10	301	564	14	484	37,751	37.1
GALLIA	1,039	7	298	734	7	466	30,098	23.3
GEAUGA	1,869	20	685	1,164	25	1,065	74,474	33.6
GREENE	3,468	21	1,076	2,371	23	1,653	129,769	17.7
GUERNSEY	1,178	2	383	793	2	571	42,024	4.8
HAMILTON	33,599	100	7,976	25,523	108	11,152	873,136	12.4
HANCOCK	2,237	6	644	1,587	6	969	64,581	9.3
HARDIN	753	3	205	545	3	286	32,719	9.2
HARRISON	575	2	165	408	2	243	18,152	11.0
HENRY	688	10	193	485	16	280	28,383	56.4
HIGHLAND	1,027	2	262	763	2	368	33,477	6.0
HOCKING	767	7	204	556	7	304	24,304	28.8
HOLMES	844	9	242	593	9	354	29,416	30.6
HURON	1,275	9	443	823	9	660	54,608	16.5
JACKSON	965	3	256	706	3	357	30,592	9.8
JEFFERSON	2,631	8	739	1,884	8	1,047	91,564	8.7
KNOX	1,554	4	460	1,080	5	636	46,309	10.8
LAKE	5,905	29	1,868	4,008	29	2,679	212,801	13.6
LAWRENCE	1,432	12	446	974	12	683	63,849	18.8
LICKING	3,482	22	1,048	2,412	23	1,554	120,981	19.0
LOGAN	1,000	4	333	663	4	480	39,155	10.2
LORAIN	6,939	40	2,215	4,684	52	3,245	274,909	18.9
LUCAS	20,681	41	5,315	15,325	46	7,831	471,741	9.8

*Deaths per 100,000 Population

1981 MOTOR VEHICLE TRAFFIC ACCIDENTS - BY COUNTY (continued)

COUNTY	ACCIDENTS TOTAL	ACCIDENTS FATAL	ACCIDENTS INJURY	ACCIDENTS PROPERTY DAMAGE	INJURIES FATAL	INJURIES NON-FATAL	1980 POPULATION	DEATH RATE*
MADISON	710	10	247	453	13	392	33,004	39.4
MAHONING	7,786	42	2,646	5,098	49	4,105	289,487	16.9
MARION	1,873	13	597	1,263	14	852	67,974	20.6
MEDINA	2,942	17	991	1,934	17	1,477	113,150	15.0
MEIGS	572	2	149	421	2	228	23,641	8.5
MERCER	828	9	265	554	12	401	38,334	31.3
MIAMI	2,389	12	757	1,620	13	1,136	90,381	14.4
MONROE	406	2	110	294	2	143	17,382	11.5
MONTGOMERY	17,084	59	5,632	11,393	68	8,444	571,697	11.9
MORGAN	419	4	112	303	4	179	14,241	28.1
MORROW	730	5	260	465	5	397	26,480	18.9
MUSKINGUM	2,598	14	717	1,867	16	1,083	83,340	19.2
NOBLE	296	4	73	219	4	92	11,310	35.4
OTTAWA	1,057	10	333	714	15	496	40,076	37.4
PAULDING	468	4	151	313	4	223	21,302	18.8
PERRY	685	7	206	472	7	310	31,032	22.6
PICKAWAY	1,354	12	438	904	13	683	43,662	29.8
PIKE	724	6	198	520	7	301	22,802	30.7
PORTAGE	3,903	25	1,372	2,506	28	2,115	135,856	20.6
PREBLE	1,014	8	374	632	9	599	38,223	23.5
PUTNAM	654	5	203	446	5	288	32,991	15.2
RICHLAND	4,538	22	1,335	3,181	27	2,016	131,205	20.6
ROSS	2,384	12	642	1,730	14	939	65,004	21.5
SANDUSKY	1,954	19	640	1,295	21	938	63,267	33.2
SCIOTO	2,173	22	690	1,461	25	1,139	84,545	29.6
SENECA	1,548	10	514	1,024	14	709	61,901	22.6
SHELBY	811	8	176	627	15	240	43,089	34.8
STARK	12,685	57	3,823	8,805	61	5,641	378,823	16.1
SUMMIT	18,934	61	5,439	13,434	64	8,028	524,472	12.2
TRUMBULL	6,274	41	2,245	3,988	50	3,392	241,863	20.7
TUSCARAWAS	2,407	14	721	1,672	16	1,051	84,614	18.9
UNION	705	6	239	460	7	359	29,536	23.7
VAN WERT	816	5	249	562	5	355	30,458	16.4
VINTON	337	5	97	235	5	143	11,584	43.2
WARREN	2,947	17	1,026	1,904	18	1,604	99,276	18.1
WASHINGTON	1,918	17	592	1,309	20	876	64,266	31.1
WAYNE	2,981	22	898	2,061	25	1,435	97,408	25.7
WILLIAMS	1,049	10	284	755	11	451	36,369	30.2
WOOD	2,321	26	762	1,533	35	1,158	107,372	32.6
WYANDOT	615	7	158	450	10	231	22,651	44.1
STATEWIDE	338,887	1,569	98,331	238,987	1,780	144,944	10,797,419	16.5

*Deaths per 100,000 population

1981 LICENSED DRIVERS BY COUNTY

COUNTY	TOTAL	MALE	FEMALE
ADAMS	17,675	9,693	7,982
ALLEN	86,819	44,250	42,569
ASHLAND	32,750	16,896	15,854
ASHTABULA	76,510	40,318	36,192
ATHENS	36,601	19,843	16,758
AUGLAIZE	30,997	15,919	15,078
BELMONT	56,794	30,811	25,983
BROWN	20,912	11,152	9,760
BUTLER	185,195	95,927	89,268
CARROLL	13,258	7,075	6,183
CHAMPAIGN	24,021	12,311	11,710
CLARK	107,839	55,193	52,646
CLERMONT	66,779	35,025	31,754
CLINTON	27,115	14,123	12,992
COLUMBIANA	86,917	45,905	41,012
COSHOCTON	24,536	12,754	11,782
CRAWFORD	38,590	19,803	18,787
CUYAHOGA	1,064,027	560,563	503,464
DARKE	37,842	19,467	18,375
DEFIANCE	29,192	15,045	14,147
DELAWARE	36,658	19,106	17,552
ERIE	62,372	32,077	30,295
FAIRFIELD	66,715	34,596	32,119
FAYETTE	17,610	9,194	8,416
FRANKLIN	646,104	331,566	314,538
FULTON	32,929	16,831	16,098
GALLIA	21,374	11,431	9,943
GEAUGA	43,635	22,560	21,075
GREENE	78,840	40,772	38,068
GUERNSEY	28,850	15,275	13,575
HAMILTON	647,043	335,634	311,409
HANCOCK	44,799	22,745	22,054
HARDIN	22,107	11,484	10,623
HARRISON	13,819	7,361	6,458
HENRY	21,453	11,043	10,410
HIGHLAND	23,446	12,474	10,972
HOCKING	16,255	8,677	7,578
HOLMES	12,086	6,493	5,593
HURON	47,467	24,528	22,939
JACKSON	19,881	10,555	9,326
JEFFERSON	66,717	36,147	30,570
KNOX	34,088	17,543	16,545
LAKE	164,992	85,399	79,593
LAWRENCE	44,141	23,465	20,676
LICKING	85,714	44,492	41,222
LOGAN	31,392	16,276	15,116
LORAIN	192,477	100,001	92,476
LUCAS	347,191	180,541	166,650

1981 LICENSED DRIVERS BY COUNTY (continued)

COUNTY	TOTAL	MALE	FEMALE
MADISON	25,999	13,609	12,390
MAHONING	213,200	111,844	101,356
MARION	49,747	25,631	24,116
MEDINA	85,281	43,894	41,387
MEIGS	14,890	8,082	6,808
MERCER	28,876	14,877	13,999
MIAMI	71,568	36,694	34,874
MONROE	11,620	6,375	5,245
MONTGOMERY	414,528	212,515	202,013
MORGAN	8,052	4,348	3,704
MORROW	13,785	7,183	6,602
MUSKINGUM	57,577	29,939	27,638
NOBLE	6,122	3,324	2,798
OTTAWA	31,016	16,260	14,756
PAULDING	13,774	7,144	6,630
PERRY	21,333	11,517	9,816
PICKAWAY	27,432	14,334	13,098
PIKE	13,583	7,307	6,276
PORTAGE	85,140	44,659	40,481
PREBLE	26,232	13,598	12,634
PUTNAM	23,652	12,366	11,286
RICHLAND	90,747	47,008	43,739
ROSS	43,139	22,694	20,445
SANDUSKY	38,874	20,222	18,652
SCIOTO	52,353	27,806	24,547
SENECA	46,355	23,892	22,463
SHELBY	28,029	14,562	13,467
STARK	276,070	143,157	132,913
SUMMIT	363,736	188,594	175,142
TRUMBULL	164,525	85,654	78,871
TUSCARAWAS	59,843	31,160	28,683
UNION	16,971	8,718	8,253
VAN WERT	18,394	9,378	9,016
VINTON	6,445	3,550	2,895
WARREN	62,593	32,601	29,992
WASHINGTON	44,082	23,423	20,659
WAYNE	65,901	34,390	31,511
WILLIAMS	27,071	13,897	13,174
WOOD	59,429	30,279	29,150
WYANDOT	16,775	8,609	8,166
OHIO TOTALS	7,659,263	3,985,433	3,673,830

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